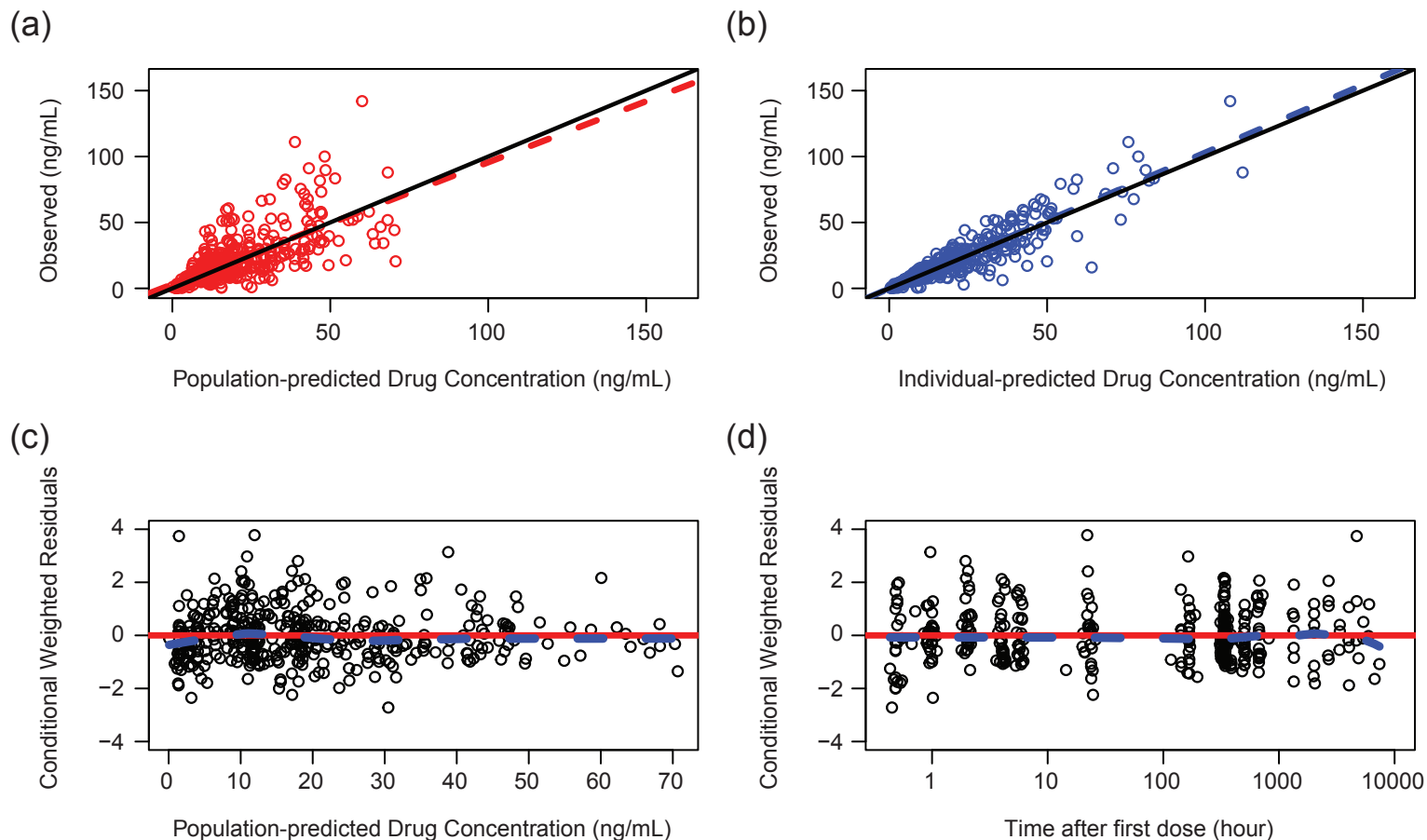


Supplementary Figure S1. Diagnostic plots for PK model. **(a)** Observed vs. population-predicted concentrations; **(b)** observed vs. individual-predicted concentrations; **(c)** conditional weighted residuals vs. population-predicted concentrations; and **(d)** conditional weighted residuals vs. time after first dose.



(a) and (b) Plots of observed values vs. predicted values: Circle points represent individual data points; solid line and dotted line show the reference line (diagonal line), and linear regression line based on the individual data points.

(c) and (d) Scatter plots of residuals: circle points represent individual data points, red solid line and blue dotted line show reference line ($y=0$) and smooth line using locally weighted polynomial regression (LOWESS), respectively.

PK, pharmacokinetic.